



— THE —
ANNUAL REPORT
OF THE
SANITARY CONDITION

OF THE COUNTY BOROUGH OF HANLEY,
INCLUDING THE
Vital Statistics for the year 1896,

Submitted to the Sanitary Committee,

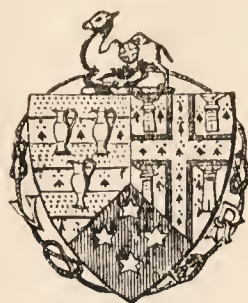
BY

JOHN CLARE, L.R.C.S., D.P.H.,

Medical Officer of Health for the County Borough of Hanley.

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ANNUAL REPORT

OF THE

Medical Officer of Health.

TO THE MAYOR, ALDERMEN, AND BURGESSES OF
THE COUNTY BOROUGH OF HANLEY.

GENTLEMEN,

I have the honour to present you with my Annual Report on the Sanitary condition of the County Borough of Hanley, for the year ending December 31st, 1896.

AREA.—The County Borough of Hanley, for the purposes of registration, is divided into two districts: Hanley, 590 acres; Shelton, 1,178 acres; being a total of 1,768 acres.

POPULATION.—The enumerated population of Hanley in 1881, was—Hanley, 22,418; Shelton, 25,943; total, 48,361. By the census of 1891 the population was—Hanley, 25,618; Shelton, 29,328; total, 54,946. Assuming that the rate of increase which prevailed between the two last census enumerations is still maintained, I find that the estimated population for the middle of 1896, will be:—

Hanley..	..	..	..	..	27,477
Shelton	..	..	..	..	31,278
Total for the Borough					58,755

This estimate is made on the supposition that the increase of population would be in the same proportion as in the last decade, but if we take the actual excess of births over deaths, since the last census, viz.:—2,524 in Shelton, and 2,409 in Hanley, the population would be 59,879, or 1,124 over the estimate.

The birth and death rates are calculated on the estimated population, 58,755.

The number of inhabited houses in the Borough was in the middle of 1896 :—

Hanley	5,252
Shelton	5,993

Empty houses, 101.

BIRTHS.—The Births registered in Hanley, were 984 ; Shelton, 1,107 ; total, 2,091 ; being a decrease of 14 on the number registered in 1895.

This decrease in the birth rate was in the Hanley district, there being only 984 Births in 1896 compared with 1,016 in 1895.

The birth rate is 35·6 of the estimated population.

The birth rate of the 33 largest towns was 30·7.

The birth rate in 1895 was 36·3.

Of the 2,091 Births, 1,043 were males, 1,048 were females.

The births out of wedlock were 93, being equal to 4·4 per cent. of the total births.

The percentage of illegitimate children in the preceding year was 4·6.

The number of illegitimate births in Hanley, as in other thickly populated towns, is increased by the fact that many single young women leave the rural districts, where they are known, to be confined in the towns.

The sex proportion of children born was 99·4 males to 100·5 females.

In the preceding year there were born 105 Males to 94 Females.

DEATHS.—I have appended to this Report a Table of Deaths, occurring in Hanley and Shelton during the year 1896, classified according to diseases and ages.

The records show that 605 Deaths were registered in Hanley, and 677 in Shelton, making a total of 1,282. In 1895, there were 1,073 ; in 1894, 986 ; in 1893, 1,156 ; in 1892, 1,177 ; in 1891, 1,244.

The death rate is 21·8 per 1,000 for the whole Borough. In Hanley the death rate is 22, in Shelton, 21·6.

In 1895 the death rate for the Borough was 18·5 ; in 1894, 17·2 ; in 1893, 20·2 ; in 1892, 20·1 ; in 1891, 22·3.

In 1894 there was the lowest death rate recorded in Hanley, as far back as can be traced, viz. : 1873.

The death rate for the 33 largest English towns was 18·9, ranging from 14·2 in Croydon, to 22·7 in Liverpool.

The Zymotic death rate was 3·9 per 1,000. In 1895 it was 2 ; 1894, 2·1 ; 1893, 4·1 ; 1892, 3 ; 1891, 3·3.

In Hanley the Zymotic death rate was 3·9 ; in Shelton, 4.

The Zymotic death rate was the next highest to that in 1893.

The 129 deaths from Measles was the principal factor.

A large number of cases of Scarlet Fever and some cases of Diphtheria were removed to the Hospital at Bucknall ; also several cases of Typhoid Fever were taken either to the Workhouse or to the North Stafford Infirmary, all of which institutions are outside the Borough of Hanley.

The Deaths of children under one year to 1,000 Births are 213. In Hanley 224, in Shelton, 204.

In the 33 largest towns there were 167 under one year to 1,000 Births, which corresponded with the mean rate in the preceding ten years.

In 1895 the Deaths of children under one year to 1,000 Births were 197 ; in 1894, 188 ; in 1893, 195 ; in 1892, 201 ; in 1891, 189.

This heavy Infant Mortality is in part attributable to the fact that many mothers work in the factories and the children are deprived of their natural food, and left to the care of either elder children or strangers.

CAUSES OF DEATH.—Of the deaths from Zymotic Diseases, there were :—

Measles	129
Scarlet Fever	15
Diphtheria	6
Membranous Croup	7
Whooping Cough	20
Typhoid Fever	16
Continued Fever	2
Diarrhœa and Dysentery (including 1 certified as having died from English Cholera)	33
Puerperal Fever	3
Erysipelas	1
	<hr/>
	232

The deaths from Bronchitis, Pneumonia and Pleurisy were 270; in 1895, 177; in 1894, 220; in 1893, 241; in 1892, 301; in 1891, 285.

Deaths from Phthisis were 63, rate per 1,000, 1.07.

„	„ in 1895, 59,	„	1.01.
„	„ in 1894, 51,	„	0.88.
„	„ in 1893, 74,	„	1.3.
„	„ in 1892, 66,	„	1.07.
„	„ in 1891, 70,	„	1.2.

In the Hanley district there were 30 inquests and 13 uncertified deaths.

In Shelton 52 inquests and 14 uncertified deaths.

Total for the Borough, 82 inquests, and 27 uncertified deaths.

NOTIFICATIONS OF INFECTIOUS DISEASES.—During the year I have received the following notifications of Infectious Diseases :—

Scarlet Fever	284
Diphtheria	36
Membranous Croup	5
Enteric or Typhoid	91
Continued Fever	17
Puerperal Fever	6
English Cholera	1
Erysipelas	40
Measles	1,356
	<hr/>
	1,836

	In	1891	1892	1893	1894	1895	1896
Small Pox .. ..	..	..	..	7	..	4	..
Scarlet Fever ..	..	205	85	215	270	199	284
Diphtheria .. ..	..	22	23	31	26	42	36
Membraneous Croup	3		2	14	17	15	5
Enteric or Typhoid	110		69	159	46	67	91
Continued Fever	17		12	31	15	23	17
Puerperal Fever ..	5		3	10	4	4	6
Erysipelas	37		49	62	52	58	40
Measles	1,027		124	956	33	169	1,356
English Cholera ..	..	..	..	..	..	..	1
		<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
		1,426	367	1,485	463	581	1,836

There has been no case of Small Pox notified during 1896.

SCARLET FEVER has been very prevalent during 1896. It is probably spread by mild cases being unrecognized and children being allowed to attend school, perhaps during the period of desquamation.

As a prophylactic, all the elementary schools in the Borough were disinfected during the different holiday periods.

In a case of flagrant exposure of a child in an infectious state from Scarlet Fever, proceedings were taken against the offender, who was convicted and fined.

The opposition to the removal of children afflicted with Scarlet Fever to the Hospital at Bucknall has almost disappeared; in fact, in a many cases, the parents desire their removal.

Unfortunately, the Hospital at Bucknall, on some occasions has been full, and many cases of Scarlet Fever have had to remain at home, that would otherwise have been removed. 150 children were removed to the Hospital out of the 284 notified as suffering from Scarlet Fever—more than half.

15 deaths took place in Hanley; among the 150 cases removed to the Hospital, at Bucknall, there were 5 deaths.

The death rate in cases unremoved was 11 per cent. of those notified; in 1895 it was 11·7. In cases removed to the Hospital the death rate was 3·3. The general death rate was 7.

MEASLES.—The epidemic of Measles, which prevailed at the close of 1895, continued till August, 1896, when it subsided.

Measles, at present, is notified voluntarily by the medical men of the town.

During the year there were the following notifications of Measles :—

January	..	.	..	..	..	216
February	..	..	..	..	..	469
March	..	..	..	..	..	272
April	..	..	..	..	..	77
May	..	..	.	..	..	97
June	..	..	..	..	..	133
July	..	..	.	..	..	60
August	..	..	.	..	..	22
September	..	..	.	..	..	4
October	.	.	..	..	..	5
November	..	..	..	..	..	1
December	..	..	..	..	..	0
						<hr/> 1,356

As only first cases of Measles in each household were notified, 1,356 by no means represents the actual number of children affected, for in many families where one child takes the complaint the other children, not safe-guarded by a previous attack, will probably take the disease.

The epidemic was the most severe that has taken place in Hanley since that of 1888 and 1889.

As in previous epidemics, it was deemed expedient to close the Schools most affected—at first, only the Infant Departments, but afterwards the whole School.

The deaths from Measles were as follows :—

				HANLEY	SHELTON	TOTAL
Under 5	..	..	..	60	65	125
Over 5	..	..	..	3	1	4
				<hr/> 63	<hr/> 66	<hr/> 129

TYPHOID FEVER.—There were 91 notifications of Typhoid Fever. As I have stated in previous Reports, Typhoid Fever appears to be endemic in the Pottery Towns. In 1896 there 91 cases of Typhoid Fever, and 16 deaths ; they occurred in the following order :—

				Cases	Deaths
January	..	..	..	5	1
February	..	..	..	4	1
March	..	..	..	4	0
April	..	..	..	0	0
May	..	..	..	3	1
June	..	..	..	5	1
July	..	..	..	8	3
August	..	..	..	21	3
September	..	..	..	11	2
October	..	..	..	13	2
November	..	..	..	10	1
December	..	..	..	7	1
				—	—
				91	16

Cases of Typhoid Fever notified since 1891 :—In 1891, 110 ; in 1892, 69 ; in 1893, 159 ; in 1894, 46 ; in 1895, 67 ; in 1896, 91.

It is often stated that Typhoid Fever is only infectious through excreta. Possibly, and in the houses of well-to-do people, patients are kept at home, and no spread of the complaint takes place, where due care is taken in the disinfection and disposal of the excreta ; but it is a very different matter in the houses of the poor, where the patient is sometimes obliged to lie in the living-room, that being the only place where a fire can be kept burning. Seven of the cases of Typhoid Fever were “second cases,” and, in another instance, there was a third person affected, who had been brought into close contact with a patient suffering from the disease.

If there were accommodation provided for cases, that could not, with regard to the safety of others, be left at home, some valuable lives would have been spared. Some of the patients were removed to the N.S. Infirmary and to the Workhouse ; but the Infirmary Committee will only take in a limited number of such cases at a time,

and there can be no compulsion used to remove patients to either of the above Institutions, no matter how great the danger to the other inhabitants may be.

In one instance last year, a man, suffering from Typhoid Fever, living with his family in a cottage-house, and being nursed in the living-room, refused to be removed, and his wife was equally determined that he should be kept at home. The consequence was that, though the man recovered, a child of his died of the same complaint, a few weeks after.

As in former years, several of the patients contracted the disease whilst away from home.

A large proportion of cases occur in Tinkersclough and the vicinity. I have had frequent complaints of offensive smells from the immense refuse tips in that locality, and it is high time that Hanley should provide itself with a destructor. The present system of shooting all refuse matter—animal, vegetable and mineral—into a huge pit, and after the lapse of a few years utilizing the soil thus made for building purposes, cannot be regarded as conducive to sanitation.

There were distinctly more cases of Typhoid in proportion, where the houses were supplied with Rochdale pans, than with either cesspool privies or water closets.

I took a great deal of trouble to have the Milk Houses in the Borough inspected, and to write to various Medical Officers from whose districts milk was supplied to infected houses, for possible sources of contamination, but I was not able definitely to trace any of the cases to Polluted Milk; nevertheless the boiling of all milk used is a very great safeguard.

Our water supply is good and continuous, but in the upper part of the town, the pressure is sometimes insufficient, owing very often to a waste going on in the lower part of the town.

DIPHTHERIA.—There were 36 cases of Diphtheria notified during the year, four less than in 1895.

In all cases of infectious disease notified to me, I have caused notices to be sent to the Schools, to exclude the children of those households from School for a stated time.

I also, in each case, sent notice to the Free Library to discontinue supplying books to the infected household, and to send any books previously supplied, to the Sanitary Office, to be disinfected.

DIARRHŒA.—There were 32 deaths from Diarrhœa, principally infantile. Under five, 28; over five, 4. Shelton, 22; Hanley, 10.

The Bakehouses in Hanley have all been inspected, and are in a very fair condition.

LODGING-HOUSES.—The Lodging-houses are clean, with the exception of the one in Durham Street.

HOUSING OF THE WORKING CLASSES ACT, 1890.—Under this Act, notices have been served on the landlords of the following houses in the Borough:—

113, York Street

14, Bow Street

I have appended to this Report two tables, A and B, drawn up by the direction of the Local Government Board, which will repay careful perusal.

Table A gives the different deaths at groups of ages; also all the deaths from the principal causes, distinguishing deaths of children under five years of age.

Table B gives population, births, and new cases of infectious sickness coming to the knowledge of the Medical Officer of Health, classified according to diseases, ages and localities.

I have also appended a list of the streets in Hanley in which cases of infectious disease existed. The streets which had cases of Typhoid Fever in them are marked in Red Ink.

SMOKE INSPECTION.—During the year the Inspector has made 148 observations, and served 28 notices for the abatement of the smoke nuisance. One firm was summoned, and conviction obtained.

In compliance with section 3 of the Factory and Workshop Act, 1891, there have been 132 workshops notified to H.M. Inspector of Factories for the district.

FACTORY AND WORKSHOPS ACTS :—

No. of Workshops visited	:	..	286
No. of men employed	..	..	314
No. of young persons employed	..		261
No. of women employed	..	..	216
No. of Sanitary defects found	..		160

SHOP HOURS ACTS :—

No. of Shops visited	..	..	252
No. of young persons employed	..		128

At the request of the Committee, I visited the Congress of the Sanitary Institute in company with the Chairman and the two Sanitary Inspectors.

I was enabled to take some part in the proceedings and much useful information was obtained.

LIST OF STREETS,

*With the number of Scarlet Fever, Diphtheria, Typhoid Fever and Measles
Cases notified in the same during 1896.*

Name of Street	No. of Cases of Scarlet Fever	No. of Cases of Diphtheria	No. of Cases of Typhoid Fever	No. of Cases of Measles
Aynsley road .. ..	..	..	..	2
Abbey street .. ..	..	..	..	2
Abbey road	1	..	..	1
Austin street .. ..	..	..	..	8
Argyle street .. ..	..	..	2	6
Albert street	1	..	..	6
Alcock's entry .. ..	..	..	..	4
Ashford street	4	..	2	..
Avery street	2	..	1	7
Ashley street .. ..	..	1	..	..
Adventure place .. ..	..	..	..	1
Albion street .. ..	..	..	..	1
America street .. ..	..	..	..	6
Arbour street .. ..	..	..	1	..
Arlington street .. ..	..	..	1	3
Bryan street	2	..	1	32
Bucknall new road	1	..	..	18
Bucknall old road .. ..	..	..	..	3
Bethesda street	2	..	1	7
Brunswick place .. ..	..	..	..	1
Brunswick street .. ..	..	..	..	3
Beresford street .. ..	..	..	..	2
Broom street	3	2	1	14
Bow street	1	..	..	1
Bath street .. ..	..	..	1	1
Boundary street	1	1	1	5
Broad street	3	1	..	4
Bexley street .. ..	..	..	..	8
Birch terrace .. ..	..	..	..	2
Birch street	1	..	..	8
Birch street (back)	1	..	..	3
Bagnall square	4	..	..	5
Bagnall street .. ..	..	..	..	1
Bridge street .. ..	..	..	..	7
Brighton street .. ..	..	..	..	5
Brook street .. ..	..	..	2	12
Bedford road .. ..	..	3	..	1
Bedford street .. ..	..	..	1	2
Berkeley street .. ..	..	..	..	6

LIST OF STREETS—(*Continued*).

Name of Street	No. of Cases of Scarlet Fever	No. of Cases of Diphtheria	No. of Cases of Typhoid Fever	No. of Cases of Measles
Brown street . . .	1	..	..	6
Bateman place . . .	..	..	..	1
Bostock square . . .	..	..	..	2
Botteslow street . . .	2	..	1	8
Bold street . . .	6	..	1	16
Bright street . . .	..	..	1	2
Black Horse lane . . .	..	..	..	3
Botany Bay . . .	..	..	2	1
Boulton street . . .	1	..	..	2
Baskerville road . . .	..	..	..	1
Bouhey road . . .	..	..	2	..
Castle street . . .	..	..	1	8
Charles street . . .	7	..	..	16
Cannon street . . .	3	..	..	10
Cambridge street . . .	1	..	..	8
Church street . . .	1	..	1	9
Commercial road . . .	..	..	..	7
Clyde street . . .	1	..	1	11
Cobden street . . .	2	..	..	9
Clarence street . . .	1	..	..	11
Crown street . . .	..	..	..	5
Chell street . . .	5	..	..	21
Chapel street . . .	..	..	..	8
Clifford street . . .	..	..	..	3
Chester street . . .	..	..	..	8
Cauldon road . . .	1	..	1	2
Cross street . . .	.	..	..	1
Clifton street . . .	..	..	..	7
Cottage square . . .	..	..	2	3
Clarke street . . .	..	..	.	1
Cavour street . . .	..	..	..	1
Cooper street . . .	7	.	..	1
Cobridge road . . .	1	..	..	1
Cleveland street . . .	2	..	..	2
Cheapside . . .	1	..	..	..
Chatham street . . .	5	..	1	..
Clinton square . . .	..	..	1	..
Darnley street . . .	..	..	..	5
Derby street . . .	3	..	..	11
Durham street . . .	..	..	..	4
Denbigh street . . .	1	..	1	3
Dresden street . . .	..	..	.	2
Dale street . . .	..	..	1	3

LIST OF STREETS—(*Continued*).

Name of Street	No. of Cases of Scarlet Fever	No. of Cases of Diphtheria	No. of Cases of Typhoid Fever	No. of Cases of Measles
Elizabeth street	2	..	..	17
Eagle street .. ..	..	..	..	5
Edmund street .. ..	..	..	1	3
Elgin street .. ..	..	..	1	4
Eastwood place	1	..	..	..
Eastwood road .. ..	..	..	..	2
Etruria road	4	1	..	14
Etruria vale .. ..	..	..	..	4
East view	1	..	..	7
Eaton street .. ..	..	..	..	2
Elm street .. ..	..	..	..	1
Edward street .. ..	..	..	..	3
Etruscan street .. ..	..	..	1	..
Free Trade street	6	1	1	10
Franklyn street .. ..	..	..	..	3
Fish Pool walk	1	..	..	3
Fenton road	1	..	..	11
Festing street	1	..	1	5
Ford street .. ..	..	..	..	1
George street	2	..	..	6
Garfield street .. ..	..	..	..	4
Gloucester street	1	..	..	4
Gilman street .. ..	..	..	..	4
Gower street .. ..	..	1	..	3
Granville street, north ..	..	..	..	4
Granville street, south .	..	..	..	1
Gate street .. ..	..	1	..	4
Greville street	1	..	..	3
Garibaldi street .. ..	..	1	..	1
Grove place .. ..	..	..	..	4
Gordon street .. ..	..	..	..	1
Guildford street	1	..	1	..
Grafton street .. ..	..	..	..	3
Gill street	2	..	..	4
Gilman street .. ..	..	..	..	2
Hill street	1	..	..	3
Hassall street .. ..	..	..	..	3
Hanover street	17	3	1	12
Hope street	6	..	..	17
Herbert street .. ..	..	..	..	4
Hampton street	1	..	1	10
Harrop street . . .	..	..	..	2
Hind street	1	..	..	3

LIST OF STREETS—(Continued).

Name of Street	No. of Cases of Scarlet Fever	No. of Cases of Diphtheria	No. of Cases of Typhoid Fever	No. of Cases of Measles
Hammersley street ..	1	..	..	6
Henry street .. ..	..	..	..	5
Hordley street .. .	..	..	..	1
High street .. ..	..	..	..	11
Havelock place	3	..	..	4
Houghton street	7	..	..	3
Harley street. . . .	2	..	..	8
Haywood street .. ..	..	..	..	2
Heath street .. ..	..	..	..	2
Hulton street .. .	.	1	..	..
Howard place	1	..	..	..
Ivy House Road .. ..	..	..	..	2
Ikin's row .. ..	..	..	..	3
John street	3	..	1	10
Jervis street .. ..	.	..	1	4
Jordan street .. ..	..	..	..	1
Keelings lane. . . .	5	1	1	36
King street .. ..	..	..	..	1
Kent street .. ..	..	..	..	2
Lansdowne street .. ..	..	..	..	3
Lincoln street	3	..	..	4
Lichfield street .. ..	..	..	1	9
Lonsdale street	2	1	..	6
Leek road	3	1	..	15
Loftus street	3	..	..	15
Leonard road. . . .	3	2	..	7
Lord street .. ..	..	..	2	7
Ludlow street .. ..	..	..	..	1
Lamb street .. ..	..	..	.	1
Longfield terrace .. ..	..	..	..	1
Lomas street	1	..	..	1
Lomas row	2	..	..	1
Milton street .. ..	..	..	..	7
Mount street	5	1	..	19
Melville street .. ..	..	..	..	7
Meadow street	1	..	..	7
Mollart street	4	..	..	12
Mount Pleasant . . .	2	..	11	7
Mayer street .. ..	..	..	..	9
Mayer street, lower ..	5	..	..	9
Market street .. ..	..	1	..	17
Marsh street .. ..	..	..	2	6
Mynors street	1	..	..	1

LIST OF STREETS—(*Continued*).

Name of Street	No. of Cases of Scarlet Fever	No. of Cases of Diphtheria	No. of Cases of Typhoid Fever	No. of Cases of Measles
Moston street	4	..	2	5
Norfolk street .. ..	..	..	..	2
Newlands street	4	..	..	3
Nelson place	1	..	..	3
North street .. ..	..	..	..	7
Newcastle road	1	1	..	5
New street .. ..	..	..	..	2
New Hall street	1	..	..	..
Oxford street .. ..	..	..	..	3
Old Hall street .. ..	..	..	1	4
Old Hall terrace	1	..	..	3
Old Tramway .. ..	..	..	1	..
Oldham street .. ..	..	..	1	11
Oak street	3	..	..	3
Parliament row .. ..	..	..	..	7
Palmerston street	1	..	1	16
Princes street .. ..	..	..	..	4
Prospect terrace .. ..	..	..	..	2
Paddock street	2	..	1	16
Peel street .. ..	..	..	2	10
Peace street .. ..	..	..	..	6
Providence square	1	..	..	3
Providence court .. ..	..	..	..	3
Plough street .. ..	..	..	..	5
Paxton street .. ..	..	..	..	1
Paddocks court .. ..	..	..	..	3
Prime street	4	..	..	4
Piccadilly	1	..	..	1
Percy street .. ..	..	..	..	1
Pyenest street	1	..	..	2
Picton street .. ..	..	..	..	2
Pelham street .. ..	..	..	1	..
Pall Mall	2	..	..	..
Queen Anne street .. ..	..	..	2	1
Queen street .. ..	..	..	..	1
Raymond street	2	..	2	3
Rectory road	4	1	..	1
Rectory street .. ..	..	..	..	2
Regent road .. ..	..	..	1	3
Regent street .. ..	..	..	..	3
Rose street	3	..	..	15
Richmond terrace	1	..	1	1
Ricardo street .. ..	..	..	..	2

LIST OF STREETS—(*Continued*).

Name of Street	No. of Cases of Scarlet Fever	No. of Cases of Diphtheria	No. of Cases of Typhoid Fever	No. of Cases of Measles
Rutland street .. .	4	2	..	2
Russell street	1	..	..	..
Seymour street .. ..	..	..	..	4
Sheaf street .. ..	..	..	..	4
St. John street	1	..	..	12
Snow hill	3	..	..	1
Simpson street	4	..	1	11
St. Mark street	3	..	1	10
Stoke road	3	..	1	..
Swan street .. ..	..	..	..	4
Swan passage	1	.	..	3
Stanley street .. ..	..	1	..	3
School street	1	..	..	3
Spur street .. ..	..	..	..	7
Sutherland street .. ..	.	.	..	2
Sydney street	1	1	1	16
Stafford street	1	..	..	4
South street .. ..	..	..	..	1
Salem street .. ..	..	..	..	3
Sun street	5	..	3	2
Steadman street .. ..	..	..	..	5
Smith street .. ..	..	..	..	1
Southampton street .. ..	..	..	..	1
St. Clare street	1	..	..	3
Seaford street .. ..	..	..	1	2
St. Ann street .. ..	..	..	..	1
Slippery lane .. ..	..	..	1	..
Stanhope street	1	..	..	..
Talbot street	2	1	..	15
Thomas street	1	..	1	2
Thomas street, little .. ..	..	..	..	1
Trent walk .. ..	..	..	..	1
Turner street	5	..	..	6
Trafalgar street	3	..	..	7
Tontine square .. ..	..	..	..	1
Twemlow street .. ..	..	..	..	2
Toll street .. ..	..	..	..	3
Thorley street .. ..	..	..	..	2
Trinity passage	1	..	..	..
Union street	4	..	..	11
Victor street .. ..	..	..	..	2
Victoria street	1	1	3	23
Vale place .. ..	..	..	..	7

LIST OF STREETS—(*Continued*).

Name of Street	No. of Cases of Scarlet Fever	No. of Cases of Diphtheria	No. of Cases of Typhoid Fever	No. of Cases of Measles
Vine street .. ..	..	..	..	7
Vincent street	2	..	..	17
Victoria road.. .	..	.	..	1
Ward street	1	..	1	10
West street .. ..	..	..	..	5
Waterloo street	1	..	..	9
Well street .. ..	..	1	..	8
Wood street	1	..	..	5
Wellington street .. ..	..	..	..	3
Wellington road .. ..	..	..	..	5
Wellington terrace .. ..	..	..	..	1
Wedgwood street .. ..	..	..	..	2
William street .. ..	..	..	..	2
Weaver street .. ..	..	..	..	1
Windsor street	2	..	.	4
Whitmore street	1	..	.	4
Windmill street .. ..	..	1	..	7
Windmill terrace	1	..	..	1
Weilesley street	1	..	..	1
Wilson street	1	..	..	1
Wood terrace	3	..	..	..
York street	1	1	.	16

TABLE A.

Showing DEATHS during the year 1896, in the Hanley Urban Sanitary District of Staffordshire, classified according to Diseases, Ages, and Localities.

LOCALITY		MORTALITY FROM ALL CAUSES AT SUBJOINED AGES							MORTALITY FROM SUBJOINED CAUSES, DISTINGUISHING DEATHS OF CHILDREN UNDER FIVE YEARS OF AGE.																		
		At all ages	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards	Scarlatina	Diphtheria	Membranous Croup	Enteric of Typhoid	Continued	Puerperal	Cholera	Erysipelas	Measles	Whooping Cough	Diarrhoea and Dysentery	Rheumatic Fever	Pthtisis	Bronchitis, Pneumonia and Pleurisy	Heart Disease	Influenza	Injuries	All other Diseases	Total
Hanley . Total		605	221	132	23	24	134	71	3	2	1	1	..	..	1	60	9	7	..	3	69	2	..	4	191	353	
									4	2	..	5	2	2	1	..	3	..	3	1	34	76	20	3	11	85	252
Shelton .. Total		677	225	137	23	22	192	78	7	2	5	..	..	..	..	65	8	21	..	..	..	63	1	1	6	188	367
									1	..	1	10	..	1	..	1	3	1	5	5	26	62	35	6	15	143	310
TOTALS ..		1282	446	269	46	46	326	149	10	4	6	1	..	..	1	125	17	28	..	3	132	3	1	10	379	720	
									5	2	1	15	2	3	1	4	3	4	6	60	138	55	9	26	228	562	

TABLE B.

Showing Population, Births, and New Cases of Infectious Sickness, coming to the knowledge of the Medical Officer of Health, during the year 1896, in the Urban Sanitary District of Hanley; classified according to Diseases, Ages and Locality.

LOCALITY	Census 1891	Estimated to middle of 1896	Registered Births	Aged under 5 or over 5	NEW CASES OF SICKNESS IN EACH LOCALITY, COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH										NUMBER OF SUCH CASES RE- MOVED FROM THEIR HOMES IN THE SEVERAL LOCAL- ITIES FOR TREATMENT IN ISOLATION HOSPITAL		
					Scarlatina	Diphtheria	Membranous Croup	FEVERS				Measles	Erysipelas	Cholera	Scarlatina	Diphtheria	
								Enteric or Typhoid	Continued	Puerperal							
Hauley	25,618	27,477	984	Under 5 5 upwards	46	4	1	2	2	462	2	17
					88	13	1	27	9	5	288	29	1	....	48	....
Shelton	29,328	31,278	1,107	Under 5 5 upwards	51	8	3	1	2	421	2	25
					99	11	....	63	6	1	185	7	....	60	2	
TOTALS ..	54,946	58,755	2,091	Under 5 5 upwards	97	12	4	1	2	4	883	4	42
					187	24	1	90	15	6	473	36	1	....	108	2

SUMMARY OF WORK.

No. of Special Complaints	444
„ Nuisances Found	2,553
„ „ Abated	2,518
„ Notices Served	1,117
„ Privy Conversions	185
„ References to Borough Surveyor and Water Office	224
„ Smoke Observations Taken	148

INFECTED HOUSES.

No. of Infectious Cases Visited	2,195
„ „ „ Removed	160
„ Infectious Houses Fumigated	2,026
„ „ Articles Disinfected	6,655

HOUSE INSPECTION.

No. of Houses Inspected	1,779
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PROCEEDINGS UNDER THE SALE OF FOOD AND DRUGS ACT.

No. of Samples Purchased for Analysis	120
„ „ Adulterated	8

MARGARINE ACT.

No. of Visits to Shops	320
„ Samples Analysed	0

SAMPLES TAKEN*Under the Sale of Food and Drugs Act.*

25 of Milk	Adulterated	2
6 „ Lard	„	0
29 „ Butter	„	0
3 „ Ground Ginger	„	0
5 „ Lump Ginger	„	0
16 „ Coffee	„	0
3 „ Condensed Milk	„	1
1 „ Cayenne Pepper	„	0
9 „ Pepper	„	0
5 „ Cream of Tartar	„	0
1 „ Tartaric Acid	„	0
6 „ Whisky	„	2
1 „ Quinine	„	0
4 „ Mustard	„	0
3 „ Spirit of Nitre	„	3
1 „ Chicory	„	0
2 „ Vinegar	„	0

